#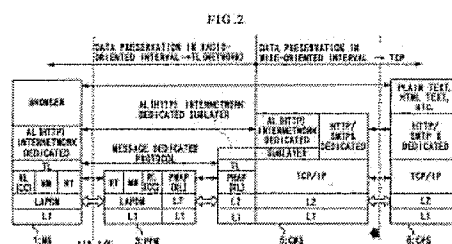 Communication control method, communication method, server, terminal equipment, relay equipment and communication system

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Inventor(s):	KURITA SHIGETAKA [JP]; HIROSE NORIHIKO [JP]; NAKATSUCHI MASAHARU [JP]; SASAKI KEIZABURO [JP] +	PL342519 (A1)
Applicant(s):	NIPPON TELEGRAPH & TELEPHONE [JP] +	NZ506030 (A)
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Abstract of **TW 448658 (B)**

The invention relates to the communication control method, communication method, server, terminal equipment, relay equipment and communication system that are applicable to provide a data distribution system for providing data to multiple user's terminal equipment from the server via Internet. The present invention has the purpose of providing technology capable of efficiently transmitting data when performing data communications between a mobile station and a server apparatus. In the present invention, a simplified protocol TL is employed on the transport layer instead of TCP/IP as the communication protocol on the radio-oriented interval between an MS (mobile station) 1 and a GWS (gateway server) 5 which relays data communications between the MS 1 and CPS (content provider server). Additionally, the headers of the packets for data transfer according to TL are made up of about 10 bytes. By doing so, the traffic between the MS 1 and GWS 5 is decreased and the overhead is reduced in comparison to when TCP/IP is employed, thus improving the response of the data communications. As a result, the user can comfortably access contents provided by the CPS 8 on the internet via a radio-oriented interval which has a low data transmission capacity in comparison to a wire-oriented interval using an MS 1 which has insufficient data processing power to employ TCP/IP.

FIG.2